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0.60 0.60

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L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR

Structure attributes must be viewed using STN Express query preparation.

=> s L1 sss sam

SAMPLE SEARCH INITIATED 14:33:32 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 1432 TO ITERATE

69.8% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 26371 TO 30909 PROJECTED ANSWERS: 1019 TO 2073

L2 50 SEA SSS SAM L1

=> d L2

L2 ANSWER 1 OF 50 REGISTRY COPYRIGHT 2000 ACS

RN 260805-95-6 REGISTRY

CN 1H-1,2,4-Triazolium, 1,4-dimethyl-3,5-diphenyl-, perchlorate (9CI) (CA INDEX NAME)

MF C16 H16 N3 . Cl O4

SR CA

LC STN Files: CA, CAPLUS

CM 1

50 ANSWERS

CRN 64017-22-7 CMF C16 H16 N3

\*\*\* FRAGMENT DIAGRAM IS INCOMPLETE \*\*\*

CM 2

CRN 14797-73-0 CMF C1 O4

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s L1 sss full

FULL SEARCH INITIATED 14:33:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 28810 TO ITERATE

100.0% PROCESSED 28810 ITERATIONS SEARCH TIME: 00.00.01

1885 ANSWERS

L3 1885 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
128.02
128.62

Page 4

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FILE COVERS 1967 - 9 Aug 2000 VOL 133 ISS 7 FILE LAST UPDATED: 8 Aug 2000 (20000808/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s L3

L5

14 459 L3

=> s L4 and (antitumor or anticancer or immunosuppress?)

82581 ANTITUMOR

307 ANTITUMORS

82598 ANTITUMOR

(ANTITUMOR OR ANTITUMORS)

17252 ANTICANCER

34 ANTICANCERS

17265 ANTICANCER

(ANTICANCER OR ANTICANCERS)

30269 IMMUNOSUPPRESS?

3 L4 AND (ANTITUMOR OR ANTICANCER OR IMMUNOSUPPRESS?)

=> s L4 and (antigestative or contraceptio?)

1 ANTIGESTATIVE

# 2105 CONTRACEPTIO?

1 L4 AND (ANTIGESTATIVE OR CONTRACEPTIO?) L6

=> s L6 not L5

0 L6 NOT L5 L7

=> d L5 1-3 bib abs hitstr

ANSWER 1 OF 3 CAPLUS COPYRIGHT 2000 ACS L5

1998:806642 CAPLUS AN

DN 130:38386

Preparation of diphenyltriazoles as antigestative, ΤI immunosuppressant, and antitumor agents

IN

Rossi, Carla Irilab Ltd., Ire. PA

PCT Int. Appl., 60 pp. so

MARPAT 130:38386

CODEN: PIXXD2

Patent DT

English LΑ

FAN.	CNT	1																
	PATENT NO.			KIND		DATE			APPLICATION NO.				DATE					
					<del></del>													
PΙ	WO	9855463			A1		19981210			WO 1998-EP3496				19980604				
		W:	JP,	US														
		RW:	ΑT,	BE,	CH,	CY,	DΕ,	DK,	ES,	FI,	FR,	GB,	GR,	ΙE,	ΙT,	LU,	MC,	NL,
		PT, SE																
	EΡ	986544			A1 20000322					EP 1998-939500					19980604			
		R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
			ΙE,	FI														
PRAI	IT 1997-MI1328			19970605														
	WO	WO 1998-EP3496			19980604													

os GI

Hophicavit

Title compds. [I; R = H, hydrocarbylcarbonyl, any other group able to AΒ form a bond with a N atom (sic); R1 = (un) substituted Ph; R2 = ZCH2OR5; R5 =hydrocarbylcarbonyl, P(0)(OH)2, P(0)(OH)OP(0)(OH)2, etc.; when X = Y, X, Υ = N (sic); when X = Y, X, Y = N, C, CH (sic); Z = (un) substituted 1,2-phenylene] were prepd. Title compd. II, e.g., was prepd. Data for biol. activity of I were given. IT 216854-85-2P 216854-87-4P 216854-91-0P 216854-97-6P 216855-02-6P 216855-07-1P 216855-11-7P RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of diphenyltriazoles as antigestative, immunosuppressant, and antitumor agents) RN 216854-85-2 CAPLUS Carbonic acid, [2-[5-(3-ethoxyphenyl)-1H-1,2,4-triazol-3-yl]phenyl]methyl CN

ethyl ester (9CI) (CA INDEX NAME)

RN 216854-87-4 CAPLUS
CN Carbonic acid, butyl [2-[5-(3-ethoxyphenyl)-1H-1,2,4-triazol-3-yl]phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 216854-91-0 CAPLUS

CN Carbonic acid, [2-[5-(3-ethoxyphenyl)-1H-1,2,4-triazol-3-yl]phenyl]methyl hexyl ester (9CI) (CA INDEX NAME)

Me- (CH<sub>2</sub>)<sub>5</sub>-0-C-0-CH<sub>2</sub>

EtO

$$N$$
 $N$ 
 $N$ 

RN 216854-97-6 CAPLUS

CN Carbonic acid, [2-[5-(3-ethoxyphenyl)-1H-1,2,4-triazol-3-yl]phenyl]methyl octyl ester (9CI) (CA INDEX NAME)

RN 216855-02-6 CAPLUS

CN Benzenemethanol, 2-[5-(3-ethoxyphenyl)-1H-1,2,4-triazol-3-yl]-, carbonate (2:1) (ester) (9CI) (CA INDEX NAME)

RN 216855-07-1 CAPLUS
CN Carbonic acid, [2-[5-(3-ethoxyphenyl)-1H-1,2,4-triazol-3-yl]phenyl]methyl methyl ester (9CI) (CA INDEX NAME)

Me- (CH<sub>2</sub>) 7-0 C-0-CH<sub>2</sub>

$$N = N$$

$$N = N$$

IT 216855-16-2

RL: RCT (Reactant)

(prepn. of diphenyltriazoles as antigestative,

immunosuppressant, and antitumor agents)

RN 216855-16-2 CAPLUS

CN Benzenemethanol, 2-[5-(3-ethoxyphenyl)-1H-1,2,4-triazol-3-yl]- (9CI) (CA INDEX NAME)

RE.CNT 4

RE

- (1) Gruppo Lepetit S P A; FR 2440364 A 1980
- (2) Gruppo Lepetit S P A; EP 0080053 A 1983
- (3) Omodei-Sale, A; US 4119635 A 1978 CAPLUS
- (4) Toja, E; EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY CHIMICA THERAPEUTICA 1982, V17(3), P223 CAPLUS
- L5 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2000 ACS
- AN 1994:605364 CAPLUS
- DN 121:205364
- TI 5H-[1,2,4]Triazolo[5,1-a]isoindol-5-ones as inflammation inhibitors and immunomodulators
- IN Albrechtsen, Sten; Hansen, Jens; Langvad, Eyvind; Eriksoo, Edgar;
   Johansson, Kaj; Lundvall, Karl-Erik
- PA British Technology Group Ltd., UK
- SO PCT Int. Appl., 25 pp. CODEN: PIXXD2
- DT Patent

$$\mathbb{R}^{1} \xrightarrow{\mathbb{N}} \mathbb{N} \mathbb{R}$$

AB The title compds., (R = H, alkyl, etc.; R1 = H, alkyl, OMe, etc.) were disclosed as inflammation inhibitors and/or immune modulators. Use of I for the treatment of psoriasis, inflammatory bowel disease and rheumatoid arthritis was claimed.

60510-58-9, Benzoic acid, 2-(5-phenyl-1H-1,2,4-triazol-3-yl)-ΙT 75704-77-7, Benzoic acid, 2-[5-[3-(trifluoromethyl)phenyl]-1H-1,2,4-triazol-3-yl]- 92085-32-0, Benzoic acid, 2-[5-(3-methoxyphenyl)-1H-1,2,4-triazol-3-yl]- 157929-34-5, 2-[5-(4-Methoxyphenyl)-1H-1,2,4-triazol-3-yl]benzoic acid 157929-35-6, 2-[5-(4-Chlorophenyl)-1H-1,2,4-triazol-3-yl]benzoic acid 157929-36-7, 4-Methoxy-2-(5-phenyl-1H-1,2,4-triazol-3yl)benzoic acid 157929-37-8, 3-Fluoro-2-(5-phenyl-1H-1,2,4triazol-3-yl)benzoic acid 157929-38-9, 5-Chloro-2-[5-(4hydroxyphenyl)-1H-1,2,4-triazol-3-yl]benzoic acid 157929-39-0, 2-[5-(4-Fluorophenyl)-1H-1,2,4-triazol-3-yl]benzoic acid 157929-40-3, 2-[5-(3,4-Dimethoxyphenyl)-1H-1,2,4-triazol-3yl]benzoic acid 157929-41-4, 2-(5-Phenyl-1H-1,2,4-triazol-3-yl]-4-(trifluoromethyl)benzoic acid 157929-42-5, 5-(Dimethylamino)-2-(5-Phenyl-1H-1,2,4-triazol-3-yl]benzoic acid RL: RCT (Reactant)

(reactant for [1,2,4]triazolo[5,1-a]isoindolone inflammation
inhibitor)

RN 60510-58-9 CAPLUS

CN Benzoic acid, 2-(5-phenyl-1H-1,2,4-triazol-3-yl)- (9CI) (CA INDEX NAME)

RN 75704-77-7 CAPLUS

CN Benzoic acid, 2-[5-[3-(trifluoromethyl)phenyl]-1H-1,2,4-triazol-3-yl]-(9CI) (CA INDEX NAME)

RN 92085-32-0 CAPLUS

CN Benzoic acid, 2-[5-(3-methoxyphenyl)-1H-1,2,4-triazol-3-yl]- (9CI) (CA INDEX NAME)

RN 157929-34-5 CAPLUS

CN Benzoic acid, 2-[5-(4-methoxyphenyl)-1H-1,2,4-triazol-3-yl]- (9CI) (CA INDEX NAME)

RN 157929-35-6 CAPLUS

CN Benzoic acid, 2-[5-(4-chlorophenyl)-1H-1,2,4-triazol-3-yl]- (9CI) (CA INDEX NAME)

RN 157929-36-7 CAPLUS

CN Benzoic acid, 4-methoxy-2-(5-phenyl-1H-1,2,4-triazol-3-yl)- (9CI) (CA INDEX NAME)

RN 157929-37-8 CAPLUS

CN Benzoic acid, 3-fluoro-2-(5-phenyl-1H-1,2,4-triazol-3-yl)- (9CI) (CA INDEX NAME)

RN 157929-38-9 CAPLUS

CN Benzoic acid, 5-chloro-2-[5-(4-hydroxyphenyl)-1H-1,2,4-triazol-3-yl]-(9CI) (CA INDEX NAME)

RN 157929-39-0 CAPLUS

CN Benzoic acid, 2-[5-(4-fluorophenyl)-1H-1,2,4-triazol-3-yl]- (9CI) (CA INDEX NAME)

RN 157929-40-3 CAPLUS

CN Benzoic acid, 2-[5-(3,4-dimethoxyphenyl)-1H-1,2,4-triazol-3-yl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} H \\ N \\ \text{CO}_2 H \end{array} \text{OMe}$$

RN 157929-41-4 CAPLUS

CN Benzoic acid, 2-(5-phenyl-1H-1,2,4-triazol-3-yl)-4-(trifluoromethyl)-(9CI) (CA INDEX NAME)

RN 157929-42-5 CAPLUS

CN Benzoic acid, 5-(dimethylamino)-2-(5-phenyl-1H-1,2,4-triazol-3-yl)- (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2000 ACS

AN 1986:102143 CAPLUS

DN 104:102143

TI Immunological profile of DL111-IT, a new immunosuppressant agent

AU Mistrello, Giovanni; Galliani, Giulio; Assandri, Alessandro; Filippeschi, Stefania; Bassi, Luigi

Page 15

CS Lab. Immunol., Gruppo Lepetit S.p.A., Milan, 20158, Italy
SO Immunopharmacology (1985), 10(3), 163-9
CODEN: IMMUDP; ISSN: 0162-3109
DT Journal
LA English
GI

The immunosuppressive properties of the nonhormonal contragestional agent DL111-IT (I) [69095-83-6] were evaluated on different immunol. functions. The compd. displayed significant immunosuppressive activity on both humoral and cellular immunity when administered during the inductive phase of the immune response. In exptl. models of autoimmunity and skin transplantation, I reduced the prodn. of autoantibodies and prolonged skin graft survival. The compd., even at doses much higher than those effective in inhibiting immune responses, did not influence the survival time of some hematol. tumors in mice, suggesting that I does not act by a general cytotoxic mechanism.

IT 69095-83-6
RL: BIOL (Biological study)

(immunosuppression by, profile of)

RN 69095-83-6 CAPLUS

CN 1H-1,2,4-Triazole, 3-(2-ethylphenyl)-5-(3-methoxyphenyl)- (9CI) (CA INDEX

NAME)

=>

---Logging off of STN---

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Page 17